

## Research Workshop

# Volatility in air traffic and its impact on ATM Performance

15-16 May 2018 in Warsaw, Poland

Moderation: Maciej Rodak - Conference venue: Building C, SGH

Final draft

## First day

**9:30-10:30** Registration and welcome coffee

**10:30-11:15** Opening statements

Jacek Prokop – *Vice-Rector of the School of Economics*  
N.N. – *States Representative of Poland*  
Johan Decuyper – *Chairman FABEC CEO Board, CEO Belgocontrol*

**11:15-12:00** Setting the scene: Volatility in ATM – challenges of sustainable air transport

Dirk Kügler – *DLR, Institute of Flight Guidance*

## Lunch

**13:00-14:30** Volatility in ATM – myth or reality?

Moderator: Achim Baumann – *A4E*

Taken by surprise? – Air traffic volatility and capacity/demand balancing

Guglielmo Guastalla, Dario Maresca – *PRU / Eurocontrol*

Towards more predictability

Jean-Michel Edard, Thomas Hellbach – *FABEC*

## Coffee break

**15:00-16:30** Volatility – a common issue within the aviation chain

Moderator: Janusz Janiszewski – *PANSA / Baltic FAB*

Impact of ground handling on air traffic volatility

Pawel Zagrajek, Adam Hoszman – *SGH Warsaw School of Economics*

Reliability states of airlines operations system

A. Słodownik, J. Zurek – *former LOT airlines/Air Force Institut of Technology*

**16:30-16:45** Wrap-up first day and outlook on second day

Maciej Rodak

**16:45-17:00** Logistics for the evening

Maciej Rodak

## End first day

## SOCIAL EVENT

Weranda Bistro, Koszykowa 63, Warsaw - Starting time: 8:00 pm



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## Second day

**09:00-09:15** Starting the day

**09:15-10:45** Getting things concrete - Evidence, challenges and solutions

Moderator: Ged Boydell – Network Manager/Eurocontrol

Main determinants of volatility in air traffic and its impact on ANSPs' performance

Vilma Deltuvait – ANS Oro Navigacija

Volatility in air traffic and its impact on ATM performance

Tom Laursen – IFATCA

## Coffee Break

**11:15-12:45** One step ahead

Moderator: Alex Bristol – Skyguide / FABEC

Efficiency gains through flight centered air traffic management approach

Thomas Standfuß, Michael Schultz – DLR

Strategic airspace capacity planning in a network under demand uncertainty

Frank Fichert – Worms UAS  
Radosav Jovanovic – University of Belgrade

## Lunch

**13:30-13:45** Wrap-up of the panels

Maciej Rodak

**13:45-14:50** Panel session

Moderator: Roland Beran – FABEC

**Focus Aviation Strategy: How can we reduce the impact of volatility on European citizens, passengers and the European market?**

N.N. DG Move – European Commission (tbc)  
Dirk Kügler – DLR  
Achim Baumann – A4E  
Janusz Janiszewski – PANSA / Baltic FAB  
Ged Boydell – Network Manager / Eurocontrol  
Alex Bristol – FABEC / Skyguide

**14:50-15:00** Closing remark

Janusz Niedziela – CEO PANSA

## Farewell drink – End

